Amendments to the Claims

This listing of claims replaces all previous listings of claims.

CLAIMS:

1. (Currently Amended) Computer system[[ (999),]] comprising[,] at least a first application system [[(901)]] and a second application system [[(902)]] and a database system[[ (900)]], each application system running at least one application service for at least one application system user; said computer system [[(999)]] characterized in that:

the database system has at least a first memory portion [[(920-1)]] and a second memory portion[[ (920-2)]], wherein the memory portions are disjunctive;

the database system [[(900)]] stores at least a first assignment of a first predetermined profile [[(110)]] to the first memory portion [[(920-1)]] and at least a second assignment of a second predetermined profile [[(111)]] to the second memory portion[[ (920-2)]], wherein the first and second profiles [[(110, 111)]] are unique and refer to the first and second application systems[[ (901, 902)]], respectively;

the first application system [[(901)]] and the second application system [[(902)]] access the first memory portion [[(920-1)]] and the second memory portion[[ (920-2)]], respectively, through the corresponding profiles[[ (110, 111)]].

2. (Currently Amended) The computer system [[(999)]] of claim 1, wherein the memory portions [[(920-1, 920-2)]] store tables [[(190-193)]] of the database system[[ (900)]].

3. (Currently Amended) The computer system [[(999)]] of claim 1, wherein the database system [[(900)]] is a parallel server system.

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4. (Currently Amended) The computer system [[(999)]] of claim 1, wherein the database system [[(900)]] is a relational database system.

5. (Currently Amended) The computer system [[(999)]] of claim 1, wherein the database system [[(900)]] uses shared memory processors.

6. (Currently Amended) The computer system [[(999)]] of claim 5, wherein the database system [[(900)]] uses an operating system that creates multiple logical groups of processors.

7. (Currently Amended) The computer system [[(999)]] of claim 6, wherein each group of processors is assigned to one application system.

8. (Currently Amended) A method [[(400)]] for communication with a database system[[ (900)]],

the method [[(400)]] comprising the steps:

providing [[(410)]] at least a first application system [[(901)]] and a second application system[[ (902)]], wherein each application system runs at least one application service for a plurality of users [[(801, 802)]] of the application system[[ (901, 902)]];

connecting [[(420)]] the database system [[(900)]] with at least the first application system [[(901)]] and the second application system[[ (902)]];

dividing [[(430)]] a memory [[(920)]] of the data base system [[(900)]] into at least a first memory portion [[(920-1)]] and a second memory portion[[ (920-2)]], both portions being disjunctive;

assigning [[(440)]] first and second memory portions [[(920-1, 920-2)]] to first and second application systems[[ (901, 902)]], respectively; and

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accessing [[(450)]] first and second memory portions [[(920-1, 920-2)]] by the first and second application systems, respectively[[ (901, 902)]].

9. (Currently Amended) The method of claim 8, wherein in the dividing step[[ (430)]], the memory portions [[(920-1, 920-2)]] store tables [[(190-193)]] of the database system[[ (900)]].

10. (Currently Amended) The method of claim 8, wherein in the assigning step, at least one predefined, unique profile of the database is assigned to each memory portion[[ (920-1, 920-2)]].

11. (Currently Amended) The method of claim 10, wherein in the assigning step, each predefined profile [[(920-1, 920-2)]] is assigned to one of the application systems[[ (901, 902)]].

12. (Currently Amended) The method of claim 11, wherein in the accessing step, each application system [[(901, 902)]] accesses the database system [[(900)]] through at least one of the predefined profiles that are assigned to the application system[[ (901, 902)]].

13. (Currently Amended) The method of claim 8, wherein in the accessing step, accessing is selected from the group of read, write, copy, modify, insert, append and delete.

14. (Currently Amended) [[Application]] An application system to database system assignment ~~scheme (180-182), used in a system landscape (900, 901, 902, 990) in that a first application system (901) provides~~ method comprising:

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providing business application services to a first plurality of application users [[(801)]] by a first application system; ~~at least a second application system (902) provides~~

providing business application services to a second plurality of application users [(802)]] by at least a second application system;

providing a database system connected to the first and second application systems;

~~the assignment scheme being characterized by a first assignment (180) of a~~ assigning the database system [[(900) that provides database services]] to a first profile [[(110)]] and at least a second profile[[ (111)]]; and

~~by further assignments (181, 182) wherein~~ assigning the first application system [[(901) is assigned]] to the first profile [[(110),]] and the second application system [[(902) is assigned]] to the second profile[[ (111)]].

15. (Currently Amended) The assignment [[scheme]] method of claim 14, [[wherein]] further comprising:

assigning the first and second profiles [[are assigned (180)]] to disjunctive memory portions [[(920-1, 920-2)]] in a memory [[(920)]] of the database system[[ (900)]].

16. (Currently Amended) A computer program product [[(100/101/102)]] causing a plurality of processors [[(910, 911, 912)]] to provide an application system to database system assignment scheme[[ (180-182)]], the computer program product [[(100/101/102)]] characterized in that

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a first program portion [[(100)]] causes a processor [[(910)]] of a database system [[(900)]] to disjunctively partition a memory [[(920)]] of the database system [[(900)]] into a first memory portion [[(920-1)]] and at least a second memory portion [[(920-2)]] and to provide a first database profile [[(110)]] and at least a second database profile[[ (111)]], where the first and second profiles [[(110, 111)]] are assigned to the first and second memory portions[[ (920-1, 920-2)]], respectively;

a second program portion [[(101)]] causes a processor [[(911)]] of a first application system [[(901)]] to provide at least a first business application service to a first plurality of application users and to use at least the first database profile [[(110)]] to communicate data from the first application system [[(901)]] to the database system[[ (900)]]; and

at least a third program portion [[(102)]] causes a processor [[(912)]] of at least a second application system [[(902)]] to provide at least a second business application service to a second plurality of application users and to use at least the second database profile [[(111)]] to communicate data from the second application system [[(902)]] to the database system[[ (900)]].

17. (Currently Amended) Computer program product [[(101/102)]] causing a processor [[(911/912)]] in a computer of an application system [[(901/902)]] that executes at least one business application service to communicate with a database computer[[ (900)]], the computer program product [[(101/102)]] characterized in that it causes the processor [[(911/912)]] to communicate with the database computer by using a unique profile [[(110/111)]] that is assigned [[(180-183)]] to the application system, the database computer [[(900)]] having a memory [[(920)]] logically partitioned

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into a first portion [[(920-1)]] and at least a second portion[[ (920-2)]], the portions being disjunctive, so that the first portion [[(920-1)]] is reserved for data of the application system [[(901)]] and the second portion is reserved for data of at least one further application system [[(902)]] that is run by a further computer.

18. (Currently Amended) A computer-readable medium having a plurality of sequences of instructions stored thereon which, when executed by one or more processors, perform the steps of:

causing a processor [[(910)]] of a database system [[(900)]] to disjunctively partition a memory [[(920)]] of the database system [[(900)]] into a first memory portion [[(920-1)]] and at least a second memory portion [[(920-2)]] and to provide a first database profile [[(110)]] and at least a second database profile[[ (111)]], where the first and second profiles [[(110, 111)]] are assigned to the first and second memory portions[[ (920-1, 920-2)]], respectively;

causing a processor [[(911)]] of a first application system [[(901)]] to provide at least a first business application service to a first plurality of application users and to use at least the first database profile [[(110)]] to communicate data from the first application system [[(901)]] to the database system[[ (900)]]; and

causing a processor [[(912)]] of at least a second application system [[(902)]] to provide at least a second business application service to a second plurality of application users and to use at least the second database profile [[(111)]] to communicate data from the second application system [[(902)]] to the database system[[ (900)]].

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